



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7338**

**SCHEDULED SALE DATE AND TIME: 10:00 a.m. (local time) on December 11, 2023.**

**LOCATION: SAULT DNR CUSTOMER SERVICE CENTER, 4131 S. M-129, SAULT STE MARIE, MI 49783.**

**CONTACT NAME: Kenny Fanelli**

**PHONE NUMBER: (906) 287-1380**

**PROSPECTUS NOTE:** The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, SAULT STE MARIE MANAGEMENT UNIT, for certain timber on the following described lands:

D.I. Marblehead HW Again (45-005-23) / T41N, R07E, SEC. 1 , NWNW,S1/2NW,N1/2NE,SENE.

T41N, R08E, SEC. 6 , NW.

T42N, R07E, SEC. 36, S1/2SW.

T42N, R08E, SEC. 31, S1/2SW.

Chippewa County, Advertised Price \$11,360.45, 184.0 Acres, Aspen, Hardwood.

**SALE NOTE:** All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity.  
Certain restrictions/specifications may be applicable including time restrictions.

## TIMBER SALE INFORMATION

D.I. Marblehead HW Again (45-005-23)

T41N, R07E, SEC. 1; T41N, R08E, SEC. 6; T42N, R07E, SEC. 36; T42N, R08E, SEC. 31.

Chippewa County (Advertised Price \$11,360.45)

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A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	5.6 MBF	\$ 46.00 / MBF
Sugar Maple	41.2 MBF	\$ 123.00 / MBF
White Ash	5.7 MBF	\$ 43.00 / MBF
Pulpwood		
Basswood	26 Cords	\$ 3.85 / Cord
Mixed Aspen	507 Cords	\$ 3.45 / Cord
Mixed Hardwood	1,364 Cords	\$ 2.85 / Cord
Paper Birch	5 Cords	\$ 10.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 10.81 percent. There are an estimated 2,060 cords on this timber sale, plus or minus 223 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

### **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$908.84 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:
 

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	20.8%
02	21.1%
03	16.7%
04	12.1%
05	16.5%
06	12.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

### **SALE VOLUMES**

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
162,756	2,060	10.81%	1,837	2,283

**VDU VOLUMES**

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
15	101,709	1,287	13.57%	1,113	1,462
19	61,046	773	18.52%	630	916
<b>TOTAL:</b>	<b>162,756</b>	<b>2,060</b>		<b>1,742</b>	<b>2,378</b>

**VDU TO PAYMENT UNIT**

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
15	118.9	3	34.1
		4	24.8
		5	33.8
		6	26.2
19	65.1	1	32.5
		2	32.6
<b>TOTAL:</b>	<b>184.0</b>		<b>184.0</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	2.8	MBF	32.5	\$2,363.95
	Sugar Maple		8.6	MBF		
	White Ash		1.4	MBF		
	Basswood	Pulpwood	9	Cords		
	Mixed Aspen		144	Cords		
	<i>B. T. Aspen</i>		144	Cords		
	Mixed Hardwood		198	Cords		
	<i>Beech</i>		80	Cords		
	<i>Ironwood</i>		12	Cords		
	<i>Sugar Maple</i>		105	Cords		
	<i>White Ash</i>		1	Cords		
Paper Birch	2	Cords				
2	Basswood	Sawtimber	2.8	MBF	32.6	\$2,390.95
	Sugar Maple		8.6	MBF		
	White Ash		1.5	MBF		
	Basswood	Pulpwood	9	Cords		
	Mixed Aspen		145	Cords		
	<i>B. T. Aspen</i>		145	Cords		
	Mixed Hardwood		201	Cords		
	<i>Beech</i>		80	Cords		
	<i>Ironwood</i>		13	Cords		
	<i>Sugar Maple</i>		106	Cords		
	<i>White Ash</i>		2	Cords		
Paper Birch	3	Cords				
3	Sugar Maple	Sawtimber	6.9	MBF	34.1	\$1,897.60
	White Ash		0.8	MBF		
	Basswood		Pulpwood	2		
	Mixed Aspen	63		Cords		
	<i>B. T. Aspen</i>	25		Cords		
	<i>Quaking Aspen</i>	38		Cords		
	Mixed Hardwood	277		Cords		
	<i>Beech</i>	110		Cords		
	<i>Ironwood</i>	6		Cords		
	<i>Sugar Maple</i>	158		Cords		
	<i>White Ash</i>	3	Cords			
4	Sugar Maple	Sawtimber	5.0	MBF	24.8	\$1,379.45
	White Ash		0.6	MBF		
	Basswood		Pulpwood	2		
	Mixed Aspen	45		Cords		
	<i>B. T. Aspen</i>	18		Cords		
	<i>Quaking Aspen</i>	27		Cords		
	Mixed Hardwood	202		Cords		
	<i>Beech</i>	80		Cords		
	<i>Ironwood</i>	5		Cords		
	<i>Sugar Maple</i>	115		Cords		
	<i>White Ash</i>	2	Cords			
5	Sugar Maple	Sawtimber	6.8	MBF	33.8	\$1,873.30
	White Ash		0.8	MBF		
	Basswood		Pulpwood	2		
	Mixed Aspen	62		Cords		
	<i>B. T. Aspen</i>	25		Cords		
	<i>Quaking Aspen</i>	37		Cords		
	Mixed Hardwood	274		Cords		
	<i>Beech</i>	109		Cords		
	<i>Ironwood</i>	6		Cords		

**DESCRIPTION OF TIMBER BY PU (PU), CON'T**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	<i>Sugar Maple</i>	<i>Pulpwood</i>	156	<i>Cords</i>		
	<i>White Ash</i>		3	<i>Cords</i>		
6	Sugar Maple	Sawtimber	5.3	MBF	26.2	\$1,455.20
	White Ash		0.6	MBF		
	Basswood	Pulpwood	2	Cords		
	Mixed Aspen		48	Cords		
	<i>B. T. Aspen</i>		19	<i>Cords</i>		
	<i>Quaking Aspen</i>		29	<i>Cords</i>		
	Mixed Hardwood		212	Cords		
	<i>Beech</i>		84	<i>Cords</i>		
	<i>Ironwood</i>		5	<i>Cords</i>		
	<i>Sugar Maple</i>		121	<i>Cords</i>		
	<i>White Ash</i>		2	<i>Cords</i>		
	TOTAL:			52.5		
TOTAL:			1,902	Cords		

## Sale Specific Conditions & Requirements

Sale Name: D.I. Marblehead HW Again

Sale Number: 45-005-23 Seq#: 2

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1-6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-6, may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the Sale Area, if more than 10% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

##### 4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

#### 4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. Some existing roads may also need to be closed, see the Timber Sale Map for locations. In general, this will require constructing double earthen berms at strategic locations. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

### 4.2 - Maintenance

#### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the Sale Administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

#### 4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

#### 5.2.2 - Hazard Trees/Snags

##### 5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-6, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 1. This restriction is because of bark slippage.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

#### 5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

#### 5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of any ORV route or snowmobile trail, without permission from the Unit Manager or his/her representative.

#### 5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

#### 5.2.39 - ORV trail/route protection (4/18)

The ORV route is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the route must be cut flush with the ground. No decking of forest products is allowed along the ORV route. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV route as the centerline. Do not run equipment down the ORV route. Skidding across the route may only occur in locations approved by the Sale Administrator.

#### 5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 5 feet of the snowmobile trail must be cut at ground level.

### 5.4 - Soil Protection

#### 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond areas or drainages. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees, and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

### 5.8 - Protection of Endangered Species

#### 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Glen Cove and Clear Lake roads prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

#### 6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

#### 6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV Route prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

## 7 - Other Conditions

### 7.2 - Extensions

#### 7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract.

#### 7.5 - Loss

##### 7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from beech bark disease. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



# TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Sault Ste Marie FMU		County Chippewa	Mapped By Fanelli	Date 02/28/2023	Page 1	of 1
Township 41N, 42N	Range 07E, 08E	Section(s) and Subdivision(s) Sec 1 NWNW, S1/2NW, N1/2NE, SENE; Sec 6 NW; Sec 36 S1/2SW; Sec 31 S1/2SW		Scale 1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	32.5	4	24.8
2	32.6	5	33.8
3	34.1	6	26.2

## D.I. Marble Head HW Again

### Compartment 19

### Acres 184

